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ABSTRACT

In 1983-84, for the twelfth consecutive year, the number of Black, Hispanic, and American Indian engineering graduates increased. And for the first time since the National Action Council for Minorities in Engineering began its work, the number of Black graduates surpassed 2,000. Other highlights of the 1983-84 data are: (1) 3,817 Black, Hispanic and American Indian students were awarded B.A.'s in engineering; (2) 30 universities/colleges produced 40 or more Black, Hispanic, and American Indian B.A. graduates; (3) 26 universities/colleges produced 20 or more Black B.A. graduates; and (4) 23 universities/colleges produced 20 or more Hispanic B.A. graduates. Following a summary of graduation rate data, six tables present that data in detail. Table 1 presents a comparison of B.A. graduates from differing ethnic groups by State. Table 2 presents a list of 30 colleges and universities that produced 40 or more minority engineers. Table 3 lists 26 colleges that graduated 20 or more Black engineers. Table 4 lists 23 colleges that graduated 20 or more Hispanic engineers. Table 5 illustrates the rate of minority engineers from 1969-1984, and Table 6 provides a complete breakdown of minority B.A. graduates in accredited engineering schools in 1983-1984. (RDN)

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GRADUATION RATES IN ACCREDITED ENGINEERING SCHOOLS 1983 - 84

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NATIONAL Action COUNCIL FOR MINORITIES IN ENGINEERING, INC.

National Action Council for Minorities in Engineering, Inc.
(NACME, Inc.)

GRADUATION RATES IN ACCREDITED ENGINEERING SCHOOLS
1983-1984
(Data Released by the Engineering Manpower Commission)

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SUMMARY

For the twelfth consecutive year, an increase in the number of black, Hispanic and American Indian graduates has been experienced. For the first time in the history of this effort, black graduates surpassed 2,000. Other highlights are:

- 3,817 black, Hispanic and American Indian students were awarded B.A.'s in engineering
- Thirty universities/colleges produced 40 or more black, Hispanic and American Indian B.A. graduates
- Twenty-six universities/colleges produced 20 or more black B.A. graduates
- Twenty-three universities/colleges produced 20 or more Hispanic B.A. graduates

INTRODUCTION

The National Action Council for Minorities in Engineering, Inc. (NACME) has been an eleven year effort to increase the number of underrepresented minorities (black, Hispanic, and American Indian) who complete baccalaureate degrees in accredited engineering programs.

NACME's unique role in the minority engineering effort focuses on increasing the number of participating institutions (school districts, universities, corporations, professional societies, minority organizations and other groups) which allocate resources to productive components of the effort.

NACME's newly-created Committee on Data & Statistics is one of several structures developed by NACME staff to receive input from the field in carrying on its mission. Data on this effort is an important indication to measure success, to plan and to evaluate our activities and programs.

As a service to the field, we have prepared this first document, Graduation Rates in Accredited Engineering Schools 1983-1984, to share performance nationwide. The latest Engineering Manpower Commission report was utilized in preparing this document. Again, this data indicates an increase in the number of black, Hispanic and American Indian students receiving their baccalaureate degrees. Congratulations to all of you who have worked hard to increase the pool of minority engineers!

GRADUATION RATES

During the 1983-84 school year, accredited engineering schools graduated 76,576 students with baccalaureate degrees. A total of 3,817 BA's were awarded to blacks, Hispanics and American Indians combined, representing 5% of the total 1983-84 graduating class. Blacks represented 53% of all minority graduates, Hispanics 44%, and American Indians, the remaining 3%. Table 1 presents a comparison of BA graduates from different ethnic groups by state. Fourteen states (including the District of Columbia) had minority graduation rates higher than the national average of 5%. The highest graduation rate was found in Washington, D.C., where 32.9% of all graduates were blacks or Hispanics. The second highest rate was found to be in New Mexico, where 17.5% of all BA recipients were members of these three ethnic minorities.

Table 2 presents a list of 30 colleges and universities that produced 40 or more minority engineers. At the top of the list is Georgia Institute of Technology, which graduated 109 minority engineers. The second largest producer of minority engineers in the United States was City College in New York City, graduating

106 students. These 30 colleges and universities graduated 1,847 students, or 48.4% of all minority graduates in the U.S. When each of the three ethnic groups' graduation rates are analyzed separately, an interesting pattern emerges. These 30 institutions graduated almost half of all black and Hispanic graduates in the country; i.e., 49.8% and 48.2% respectively. American Indians, on the other hand, who graduated from these 30 institutions, represented 25% of all American Indian graduates.

A total of 26 institutions graduated 20 blacks or more (see Table 3). These institutions graduated 1,106 or 54.7% of all black graduates in the country. The largest producer of black engineers was Prairie View A & M in Texas which graduated 97 black engineers. The second largest producer of black engineers was Georgia Institute of Technology graduating a total of 81, and the third largest producers were two black colleges, Tuskegee in Alabama and Howard University in Washington, D.C., each graduating 74 black engineers.

Nationwide, a total of 23 colleges and universities graduated 837 or 49.7%, of all Hispanic engineers (see Table 4). The largest producer of Hispanic engineers was the University of Texas in El Paso, which graduated a total of 84 students. The second and third largest producers of Hispanic engineers were the University of Texas in Austin, graduating 67 students, Texas A&I and New Mexico State, each graduating 54 Hispanic engineers.

Table 5 illustrates the rate of minority engineers from 1969-1984. In 1980 4.1% of all graduates were blacks, Hispanics and American Indians. Since then, the share of minority graduates has increased. In 1984, 3,817 or 5% of all graduates were members of these three minority groups. The absolute number of black, Hispanic and American Indian graduates have also increased since 1980. In 1980, 1,320 black students graduated and in 1984, the figure had increased to 2,022. For the same period 1980-84, Hispanic graduates increased from 1,003 to 1,684. A total of 60 American Indian graduates were recorded in 1980; in 1984, 112 American Indian students graduated nationwide.

The reader is encouraged to turn to Table 6 for a complete breakdown of minority BA graduates in accredited engineering schools in 1983-84. This data was compiled and released by the Engineering Manpower Commission.

TABLE 1

Comparison of Minority & All Students Graduation Rates in each State
1983 - 1984

State	Total	Tot. Min.		Black	Hisp.	Amer. Ind.
		#	%			
Alabama	1,488	127	8.5	117	7	3
Alaska	37	1	2.7	-	1	-
Arizona	1,000	46	4.6	5	34	-
Arkansas	359	19	5.3	17	1	1
California	7,086	465	6.6	147	295	23
Colorado	1,811	53	2.9	21	30	2
Connecticut	898	26	2.9	16	10	-
Delaware	268	9	3.4	7	2	-
D.C.	453	149	32.9	127	22	-
Florida	2,001	202	10.1	46	156	-
Georgia	1,350	111	8.2	81	28	2
Hawaii	192	-	-	-	-	-
Idaho	242	-	-	-	-	-
Illinois	2,999	102	3.4	55	43	4
Indiana	2,594	84	3.2	64	20	-
Iowa	966	10	1	5	5	-
Kansas	911	30	3.3	16	11	3
Kentucky	556	12	2.2	7	5	-
Louisiana	1,465	119	8.1	103	16	-
Maine	370	2	*	1	-	1
Maryland	1,189	54	4.5	19	31	4
Massachusetts	3,958	154	3.9	94	56	4
Michigan	4,431	136	3.1	103	26	7
Minnesota	906	-	-	-	-	-
Mississippi	550	16	2.9	14	2	-
Missouri	1,887	52	2.8	37	14	1
Montana	504	2	*	-	1	1
Nebraska	318	-	-	-	-	-
Nevada	145	4	2.8	2	1	1
New Hampshire	261	4	1.5	4	-	-
New Jersey	1,749	142	8.1	62	80	-
New Mexico	635	112	17.6	3	105	4
New York	6,969	496	7.1	263	226	7
North Carolina	1,414	118	8.3	113	4	1
North Dakota	501	29	5.8	3	19	7
Ohio	3,574	78	2.2	50	22	6
Oklahoma	1,002	13	1.3	5	6	2
Oregon	627	5	*	1	3	1
Pennsylvania	4,682	115	2.4	83	31	1
Rhode Island	320	10	3.1	9	1	-
South Carolina	752	29	3.9	26	3	-
South Dakota	552	2	*	-	1	1
Tennessee	1,513	104	6.9	73	31	-
Texas	4,459	468	10.5	167	292	9
Utah	764	2	*	-	2	-
Vermont	213	-	-	-	-	-

TABLE 1 (cont'd)

Comparison of Minority & All Students Graduation Rates in each State
1983 - 1984

State	Total	Tot. Min.		Black	Hisp.	Amer. Ind.
		#	%			
Virginia	1,703	45	2.6	32	9	4
Washington	1,249	15	1.2	4	10	1
West Virginia	617	8	1.3	3	5	-
Wisconsin	1,741	37	2.1	17	16	4
Wyoming	223	-	-	-	-	-
TOTALS:	76,576	3,817	5%	2,022	1,683	112

* - Less than 1%

TABLE 2

Colleges that Produced 40 or More Minority Engineers - 1983-1984

	Institution	State	Black	Hisp.	Amer. Ind.	Total
1	GA Inst. of Tech.	GA	81	26	2	109
2	City College (CCNY)	NY	72	34	-	106
3	Prairie View A & M	TX	97	-	-	97
4	US Military Academy	NY	54	30	3	87
5	Texas Austin	TX	16	67	3	86
6	Texas El Paso	TX	-	84	-	84
7a	Tuskegee	AL	74	-	-	74
7b	Howard	DC	74	-	-	74
8	MIT	MA	49	16	2	67
9	Purdue W. Lafayette	IN	52	10	-	62
10a	Florida	FL	14	43	-	57
10b	Southern University	LA	57	-	-	57
11a	North Carolina A&T	NC	56	-	-	56
11b	North Carolina St.	NC	52	3	1	56
11c	Texas A & I	TX	2	54	-	56
12a	Univ. of S. Cal.	CA	26	28	-	54
12b	Renssalear Inst.	NY	24	30	-	54
12c	New Mex. State	NM	-	54	-	54
13	NJ Inst. of Tech.	NJ	22	31	-	53
14a	Miami	FL	13	37	-	50
14b	Univ. of DC	DC	40	10	-	50
15a	New Mexico	NM	2	43	3	48
15b	Manhattan College	NY	5	43	-	48
16	Cal. St. Poly Pomona	CA	6	36	5	47
17	Texas A & M	TX	9	35	2	46
18a	Cornell	NY	20	23	2	45
18b	Stanford	CA	24	20	1	45
19	Poly Inst. of NY	NY	24	19	-	43
20	Michigan	MI	31	7	4	42
21	San Jose State	CA	11	29	-	40
		Sub-Total	1,007	812	28	1,847
		Total	2,022	1,683	112	3,817
		%	49.8%	48.2%	25%	48.4%

* - University of Puerto Rico is not included

TABLE 3

Colleges that Graduated 20 Blacks or More 1983-1984

	Institution	State	Black	Tot. Minority
1	Prairie View A & M	TX	97	97
2	GA Inst. of Technology	GA	81	109
3a	Tuskegee	AL	74	74
3b	Howard	DC	74	74
4	City College (CCNY)	NY	72	106
5	Southern University	LA	57	57
6	N. A & T	NC	56	56
7	US Military Academy	NY	54	87
8a	NC State	NC	52	56
8b	Purdue W. Lafayette	IN	52	62
9	MIT	MA	49	67
10	Univ. of DC	DC	40	50
11	Pratt	NY	32	39
12	Michigan	MI	31	42
13	Drexel	PA	28	30
14a	Univ. of Southern CA	CA	26	54
14b	Alabama	AL	26	30
15	Tennessee State	TN	25	25
16a	Stanford	CA	24	45
16b	Poly Ins. of NY	NY	24	43
16c	Rensselaer	NY	24	54
17a	GMI E & M Inst.	MI	22	31
17b	Missouri Rolla	MO	22	31
17c	NJ Inst. of Tech.	NJ	22	53
17d	Tennessee Knoxville	TN	22	34
18	Cornell	NY	20	45

Total 26 Institutions	1,106
Total Blacks	2,022
%	54.7%

TABLE 4

Colleges that Graduated 20 Hispanics or More 1983-1984

Institution	State	Hisp.	Tot. Minority
1 Texas El Paso	TX	84	84
2 Texas Austin	TX	67	86
3a Texas A & I	TX	54	56
3b New Mexico State	NM	54	54
4a Florida	FL	43	57
4b New Mexico	NM	43	48
4c Manhattan College	NY	43	48
5 University of Miami	FL	37	50
6 Cal. St. Pomona	CA	36	47
7 Texas A & M	TX	35	46
8 CCNY	NY	34	106
9 NJ Inst. of Tech.	NJ	31	53
10a Rensselear Poly	NY	30	54
10b US Military Academy	NY	30	87
11 San Jose State	CA	29	40
12 Univ. of Southern CA (USC)	CA	28	54
13a South Florida	FL	26	35
13b GA Inst. of Tech.	GA	26	109
14a Cornell University	NY	23	45
14b Arizona	AZ	23	31
15 Cal. St. Poly-SLO	CA	21	29
16a Stanford	CA	20	45
16b Univ. of CA-LA (UCLA)	CA	20	26
Total 23 Institution		837	
Total Hispanics		1,683	
%		49.7%	

TABLE 5

MINORITY SHARE OF BACHELOR'S DEGREES IN ENGINEERING, 1969-1984

YEAR	BLACK	HISPANIC*	AMERICAN INDIAN	TOTAL MINORITY	TOTAL DEGREES*
1969	314	--	--	--	39,972
1970	378	--	--	--	42,673
1971	407	--	--	--	42,856
1972	579	--	--	--	44,190
1973	657	566	32	1,255	43,086
1974	756	636	31	1,423	41,010
1975	734	685	44	1,463	37,835
1976	777	658	41	1,476	37,609
1977	844	702	36	1,582	39,718
1978	894	748	37	1,679	45,753
1979	1,076	808	59	1,943	52,161
1980	1,320	1,003	60	2,383	58,413
1981	1,445	1,193	90	2,728	62,615
1982	1,646	1,270	91	3,007	66,652
1983	1,862	1,534	97	3,493	72,122
1984	2,022	1,683	112	3,817	76,576

*Figures do not include the University of Puerto Rico.

Notes

Annual reports, bulletins, and publications of the Engineering Manpower Commission (EMC) were used as sources for these tables. EMC cautions information is subject to error. All information has been verified by EMC.

Statistics for minorities, other than Black, are not available before 1973. Also, the total undergraduate enrollment figures before 1973 may or may not include the University of Puerto Rico.

TABLE 6

Ethnic Breakdown by State and Institution - 1983-1984

State/Institution	Total	Tot. Min.	Black	Hisp.	Amer. Ind.
Alabama					
Alabama	281	30	26	2	2
Birmingham	136	5	4	-	1
Huntsville	128	2	2	-	-
Auburn	735	13	9	4	-
South [illegible]	121	3	2	1	-
Tuske[illegible]	87	74	74	-	-
S[illegible]tal:	1,488	127	117	7	3
Alaska					
Alaska	37	1	-	1	-
State Total:	37	1	-	1	-
Arizona					
Arizona	523	31	3	23	5
Arizona State	354	12	2	9	1
Northern Arizona	123	3	-	2	1
State Total:	1,000	46	5	34	7
Arkansas					
Arkansas	304	19	17	1	1
Arkansas State	31	-	-	-	-
Arkansas Tech	16	-	-	-	-
John Brown	8	-	-	-	-
State Total:	359	19	17	1	1
California					
Cal Poly St SLO	591	29	4	21	4
Cal St Chico	79	4	-	3	1
Cal St Fresno	115	4	1	3	-
Cal St Fullerton	119	3	-	3	-
Cal St Long Beach	389	29	12	15	2
Cal St Los Ang	155	23	13	10	-
Cal St Northridge	253	18	5	12	1
Cal St Poly Pomona	429	47	6	36	5
Cal St Sacramento	252	3	2	1	-
Cal Tech	139	-	-	-	-
Harvey Mudd	66	-	-	-	-
Humboldt St - XX	-	-	-	-	-
Loyola Marymount	97	14	4	10	-
Naval Post Grad	4	-	-	-	-
Northrop - XX	-	-	-	-	-
Redlands	4	-	-	-	-

State/Institution	Total	Tot. Min.	Black	Hisp.	Amer. Ind.
California (cont'd)					
San Diego St	355	22	5	14	3
San Fran St	87	8	4	1	3
San Jose St	346	40	11	29	-
Stanford	3[illegible]	45	24	20	1
U Cal Berkeley	828	26	12	12	2
U Cal Davis	386	22	6	16	-
U Cal Irvine	162	10	-	10	-
U Cal Los Ang (UCLA)	379	26	6	20	-
U Cal San Diego	351	-	-	-	-
U Cal Santa Barb	272	21	3	17	1
U of The Pacific	90	5	-	5	-
U Santa Clara	126	8	-	8	-
U Southern Cal (USC)	666	54	26	28	-
West Coast U LA	40	4	3	1	-
State Total:	7,086	465	147	295	23
Colorado					
Col Colorado Spr	54	1	1	-	-
Col Denver	169	6	4	2	-
Colorado	423	12	2	10	-
Colorado Mines	469	3	-	3	-
Colorado St	265	7	1	6	-
USAF Academy	431	24	13	9	2
State Total:	1,811	53	21	30	2
Connecticut					
Bridgeport U	107	5	4	1	-
Bridgeport Eng Inst	48	-	-	-	-
Conn	336	6	3	3	-
Hartford	123	3	1	2	-
New Haven	134	-	-	-	-
USCG Academy	81	-	-	-	-
Yale	69	12	8	4	-
State Total:	898	26	16	10	-
Delaware					
Delaware	268	9	7	2	-
State Total:	268	9	7	2	-
Dist of Columbia					
Catholic	105	8	6	2	-
Geo Washington	161	17	7	10	-
Howard	108	74	74	-	-
U of DC	79	50	40	10	-
State Total:	453	149	127	22	-

State/Institution	Total	Tot. Min.	Black	Hisp.	Amer. Ind.
Florida					
Central Florida	233	17	5	12	-
Embry Riddle	102	3	2	1	-
Fl International	43	18	1	17	-
Florida	652	57	14	43	-
Florida Atlantic	136	17	2	15	-
Florida Ins Tech	185	5	-	5	-
Miami	301	50	13	37	-
South Florida	349	35	9	26	-
State Total:	2,001	202	46	156	-
Georgia					
Georgia	35	2	-	2	-
Georgia Inst Tech	1,315	109	81	26	2
State Total:	1,350	111	81	28	2
Hawaii					
Hawaii	192	-	-	-	-
State Total:	192	-	-	-	-
Idaho					
Idaho	223	-	-	-	-
Idaho St	19	-	-	-	-
State Total:	242	-	-	-	-
Illinois					
Bradley	183	1	1	-	-
Ill Chicago	404	25	8	15	2
Ill Inst Tech	332	21	15	6	-
Illinois	1,423	32	12	18	2
Millikin	18	1	1	-	-
Northwestern	298	20	16	4	-
Parks St Louis	58	2	2	-	-
Sthn Ill Carbon	225	-	-	-	-
Sthn Ill Edwrvl	58	-	-	-	-
State Total:	2,999	102	55	43	4
Indiana					
Evansville	140	2	2	-	-
Indiana	3	-	-	-	-
Indiana Tech	31	-	-	-	-
Notre Dame	574	13	7	6	-
Purdue Calumet	50	2	-	2	-
Purdue Indnpls	95	2	1	1	-

State/Institution	Total	Tot. Min.	Black	Hisp.	Amer. Ind.
Indiana (cont'd)					
Purdue W Laf	1,386	62	52	10	-
Rose Hulman	260	3	2	1	-
Tri-State	146	-	-	-	-
Valparaiso	109	-	-	-	-
State Total:	2,594	84	64	20	-
Iowa					
Iowa	182	1	-	1	-
Iowa St	784	9	5	4	-
State Total:	996	10	5	5	-
Kansas					
Kansas	336	13	11	2	-
Kansas St	434	14	4	7	3
Wichita	141	3	1	2	-
State Total:	911	30	16	11	3
Kentucky					
Kentucky	339	4	2	2	-
Louisville	217	8	5	3	
State Total:	556	12	7	5	-
Louisiana					
Louisiana St	446	12	8	4	-
Louisiana Tech	319	11	10	1	-
McNeese St	31	5	5	-	-
New Orleans	131	-	-	-	-
Southern Univ	153	57	57	-	-
Southwestern LA	178	11	9	2	-
Tulane	207	23	14	9	-
State Total:	1,465	119	103	16	-
Maine					
Maine Maritime	110	2	1	-	1
Maine Orono	260	-	-	-	-
State Total:	370	2	1	-	1
Maryland					
Johns Hopkins	140	5	3	1	1
Loyola	30	-	-	-	-
Maryland	642	25	11	13	1
US Naval Acad	377	24	5	17	2
State Total:	1,189	54	19	31	4

State/Institution	Total	Tot. Min.	Black	Hisp.	Amer. Ind.
Massachusetts					
Boston	317	24	10	13	1
Harvard	88	4	4	-	-
Lowell	463	-	-	-	-
Mass	474	17	4	13	-
Mass Maritime	126	-	-	-	-
Merrimack	38	-	-	-	-
MIT	789	67	49	16	2
Northeastern	717	28	17	11	-
SE Massachusetts	99	1	1	-	-
Tufts	223	7	6	-	1
Western New Eng	116	1	1	-	-
Worcester Poly	508	5	2	3	-
State Total:	3,958	154	94	56	4
Michigan					
Detroit	104	7	7	-	-
GMI E&M Inst	351	31	22	7	2
Lawrence Tech	383	8	5	3	-
Mich Dearborn	164	2	1	1	-
Michigan	1,162	42	31	7	4
Michigan St	708	17	15	2	-
Michigan Tech	995	7	4	2	1
Oakland	182	2	2	-	-
Wayne St	213	20	16	4	-
Western Mich	169	-	-	-	-
State Total:	4,431	136	103	26	7
Minnesota					
Minnesota	906	-	-	-	-
State Total:	906	-	-	-	-
Mississippi					
Mississippi	154	6	4	2	-
Mississippi St	396	10	10	-	-
State Total:	550	16	14	2	-
Missouri					
Mo Columbia	521	8	8	-	-
Mo Rolla	1,057	31	22	8	1
Washington	309	13	7	6	-
State Total:	1,887	52	37	14	1

State/Institution	Total	Tot. Min.	Black	Hisp.	Amer. Ind.
Montana					
Montana Mineral	185	1	-	1	-
Montana St	319	1	-	-	1
State Total:	504	2	-	1	1
Nebraska					
Nebraska	311	-	-	-	-
Nebraska Omaha	7	-	-	-	-
State Total:	318	-	-	-	-
Nevada					
Nevada Las Veg	15	1	-	1	-
Nevada Reno	130	3	2	-	1
State Total:	145	4	2	1	1
New Hampshire					
Dartmouth	50	4	4	-	-
New England	23	-	-	-	-
New Hampshire	188	-	-	-	-
State Total:	261	4	4	-	-
New Jersey					
Fairlg.. Dicki son	181	20	10	10	-
Monmouth	25	-	-	-	-
NJ Inst Tech	476	53	22	31	-
Princeton	190	18	9	9	-
Rutgers	577	28	16	12	-
Stevens Inst Tech	300	23	5	18	-
State Total:	1,749	142	62	80	-
New Mexico					
New Mexico	292	48	2	43	3
New Mexico M&T	85	10	1	8	1
New Mexico St	258	54	-	54	-
State Total:	635	112	3	105	4

State/Institution	Total	Tot. Min.	Black	Hisp.	Amer. Ind.
New York					
CCNY	299	106	72	34	-
Clarkson	660	1	-	1	-
Columbia	303	21	7	14	-
Cooper Union	110	1	-	1	-
Cornell	573	45	20	23	2
Hofstra	41	2	1	1	-
Manhattan	369	48	5	43	-
Merchant Marine	112	4	1	3	-
NY Inst Tech	171	-	-	-	-
Poly Inst NY	457	43	24	19	-
Pratt	155	39	32	7	-
Rensselaer Poly	695	54	24	30	-
Rochester	205	7	4	3	-
Rochester Tech	[illegible]	2	-	2	-
Staten Island	[illegible]	4	3	1	-
SUNY Buffalo	539	7	3	2	2
SUNY Ceramics	98	-	-	-	-
SUNY Env Sci & FR	78	2	-	2	-
SUNY Maritime	113	3	-	3	-
SUNY Stony Brook	210	5	2	3	-
Syracuse	319	15	11	4	-
Union	167	-	-	-	-
US Military Acad	987	87	54	30	3
Webb Naval Arch	12	-	-	-	-
State Total:	6,969	496	263	226	7
North Carolina					
Duke	225	6	5	1	-
NC A&T	97	56	56	-	-
NC Charlotte	118	-	-	-	-
NC State	974	56	52	3	1
State Total:	1,414	118	113	4	1
North Dakota					
North Dakota	152	-	-	-	-
North Dakota State	349	29	3	19	7
State Total:	501	29	3	19	7
Ohio					
Air Force Inst	51	1	-	1	-
Akron	281	-	-	-	-
Case W Reserve	290	10	9	1	-
Cincinnati	398	7	5	2	-
Cleveland St	255	15	4	6	5
Dayton	213	8	7	1	-
Marietta	77	-	-	-	-

State/Institution	Total	Tot. Min.	Black	Hisp.	Amer. Ind.
Ohio (Cont'd)					
Ohio	186	5	5	-	-
Ohio Northern	84	-	-	-	-
Ohio State	1,112	14	12	1	1
Toledo	282	10	3	7	-
Wright St	151	4	3	1	-
Youngstown	154	4	2	2	-
State Total:	3,574	78	50	22	6
Oklahoma					
Northeastern OK St	7	-	-	-	-
Oklahoma	434	-	-	-	-
Oklahoma St	330	8	2	4	2
Tulsa	231	5	3	2	-
State Total:	1,002	13	5	6	2
Oregon					
Oregon St	388	-	-	-	-
Portland	105	2	-	1	1
Portland St	134	3	1	2	-
State Total:	627	5	1	3	1
Pennsylvania					
Bucknell	146	2	1	1	-
Carnegie Mellon	365	11	11	-	-
Drexel	560	30	28	2	-
Gannon	65	-	-	-	-
Geneva	71	1	1	-	-
Grove City	106	-	-	-	-
Lafayette	165	2	2	-	-
Lehigh	540	8	1	6	1
Penn	243	16	10	6	-
Penn St	1,519	17	7	10	-
Phila Textile	24	-	-	-	-
Pitt	488	16	16	-	-
Swarthmore	32	-	-	-	-
Temple	4	-	-	-	-
Villanova	222	8	4	4	-
Widener	96	4	2	2	-
Wilkes	36	-	-	-	-
State Total:	4,682	115	83	31	1
Rhode Island					
Brown	88	8	8	-	-
Providence - XX	-	-	-	-	-
Rhode Island	232	2	1	1	-
State Total:	320	10	9	1	-

State/Institution	Total	Tot. Min.	Black	Hisp.	Amer. Ind.
South Carolina					
Clemson	455	12	11	1	-
South Carolina	255	17	15	2	-
The Citadel	42	-	-	-	-
State Total:	752	29	26	3	-
South Dakota					
S Dakota Mines	328	1	-	-	1
South Dakota St	224	1	-	1	-
State Total:	552	2	-	1	1
Tennessee					
Christian Bros	81	6	6	0	-
Memphis St	137	4	1	3	-
Tenn Chatta	70	3	2	1	-
Tenn Knoxvl	552	34	22	12	-
Tennessee St	51	25	25	-	-
Tennessee Tech	404	25	10	15	-
Vanderbilt	218	7	7	-	-
State Total:	1,513	104	73	31	-
Texas					
Houston	326	9	2	7	-
Lamar	146	14	11	3	-
Le Tourneau	48	-	-	-	-
Prairie View A&M	106	97	97	-	-
Rice	192	19	10	7	2
St Mary's	15	4	-	4	-
Sthn Methodist	155	19	4	15	-
Texas A&I	122	56	2	54	-
Texas A&M	1,419	46	9	35	2
Texas A&M Galv	13	-	-	-	-
Texas Arlington	314	11	3	8	-
Texas Austin	1,004	86	16	67	3
Texas El Paso	193	84	-	84	-
Texas Perm Basin	9	-	-	-	-
Texas Tech	381	20	13	7	-
Trinity Texas	16	3	-	1	2
State Total	4,459	468	167	292	9
Utah					
Brigham Young	333	2	-	2	-
Utah	307	-	-	-	-
Utah St	124	-	-	-	-
State Total:	764	2	-	2	-

State/Institution	Total	Tot. Min.	Black	Hisp.	Amer. Ind.
Vermont					
Norwich	57	-	-	-	-
Vermont	156	-	-	-	-
State Total:	213	-	-	-	-
Virginia					
Old Dominion	169	9	6	1	2
Virginia	329	8	4	2	2
VMI	106	6	4	2	-
VPI	1,091	22	18	4	-
Washington & Lee	8	-	-	-	-
State Total:	1,703	45	32	9	4
Washington					
Gonzaga	79	3	-	2	1
Pacific Lutheran	14	-	-	-	-
Seattle	83	1	-	1	-
Seattle Pacific	2	-	-	-	-
St Martins	37	-	-	-	-
Walla Walla	30	1	-	1	-
Washington	643	7	3	4	-
Washington St	361	3	1	2	-
State Total:	1,249	15	4	10	1
West Virginia					
W Virginia	431	6	1	5	-
WV Tech	186	2	2	-	-
State Total:	617	8	3	5	-
Wisconsin					
Marquette	365	10	3	7	-
Milwaukee Eng	82	7	5	2	-
Wisc Madison	888	18	8	7	3
Wisc Milwaukee	202	2	1	-	1
Wisc Platteville	204	-	-	-	-
State Total:	1,741	37	17	16	4
Wyoming					
Wyoming St	223	-	-	-	-
State Total:	223	-	-	-	-
XX					
All Unreported	122	NA	NA	NA	NA
TOTALS:	**76,576**	**3,817**	**2,022**	**1,683**	**112**

BACHELOR DEGREES IN ENGINEERING BY SCHOOL - 1983-84 BLACKS

		AC		TOTAL	AER	AGR	ARC	BIO	CER	CHE	CMP	CVL	ELE	ENS	ENV	GNL	INM	MAR	MEC	MGN	MTL	NUC	PET	OTH	SYS
ALABAMA	ALABAMA	11		26	-	-	-	-	-	6	-	3	6	-	-	-	7	-	2	2	-	-	-	-	-
	ALABAMA BIRMING	11		4	-	-	-	-	-	-	-	1	1	-	-	1	-	-	-	-	1	-	-	-	-
	ALABAMA HUNTSVL	11		2	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-
	AUBURN	11		9	1	-	-	-	-	4	-	1	2	-	-	-	1	-	-	-	-	-	-	-	-
	SOUTH ALABAMA	11		2	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-
	TUSKEGEE	13		74	-	-	-	-	-	7	-	-	50	-	-	-	-	-	17	-	-	-	-	-	-
	STATE TOTAL			117	1	-	-	-	-	17	-	5	62	-	-	1	8	-	20	2	1	-	-	-	-
ARIZONA	ARIZONA	11		3	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	1	-	-	-	-	-
	ARIZONA ST	11		2	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
	STATE TOTAL			5	-	-	-	-	-	1	-	-	2	-	-	-	-	-	1	1	-	-	-	-	-
ARKANSAS	ARKANSAS	11		17	-	-	-	-	-	3	3	1	5	-	-	-	5	-	-	-	-	-	-	-	-
	STATE TOTAL			17	-	-	-	-	-	3	3	1	5	-	-	-	5	-	-	-	-	-	-	-	-
CALIFORNIA	CAL POLY ST SLO	11		4	-	-	-	-	-	-	-	-	2	-	-	-	-	-	2	-	-	-	-	-	-
	CAL ST FRESNO	11	*	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
	CAL ST LONG BEACH	11		12	-	-	-	-	-	-	3	2	4	-	-	-	-	-	2	-	1	-	-	-	-
	CAL ST LOS ANG	11	*	13	-	-	-	-	-	-	-	4	7	-	-	-	-	-	2	-	-	-	-	-	-
	CAL ST NORTHRIDGE	11		5	-	-	-	-	-	-	1	-	-	-	-	4	-	-	-	-	-	-	-	-	-
	CAL ST POLY POMON	11		6	-	-	-	-	-	-	-	2	3	-	-	-	-	-	1	-	-	-	-	-	-
	CAL ST SACRAMENTO	11	*	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-
	LOYOLA MARYMOUNT	14		4	-	-	-	-	-	-	1	-	2	-	-	-	-	-	1	-	-	-	-	-	-
	SAN DIEGO ST	11		5	-	-	-	-	-	-	-	-	4	-	-	-	-	-	1	-	-	-	-	-	-
	SAN FRAN ST	11		4	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-
	SAN JOSE ST	11		11	-	-	-	-	-	-	2	2	1	-	-	-	2	-	4	-	-	-	-	-	-
	STANFORD	13		24	-	-	-	-	-	3	-	2	6	-	-	2	7	-	4	-	-	-	-	-	-
	U CAL BERKELEY	11		12	-	-	-	1	-	1	6	2	1	-	-	-	-	-	1	-	-	-	-	-	-
	U CAL DAVIS	11		6	1	-	-	-	-	2	-	-	2	-	-	-	-	-	1	-	-	-	-	-	-
	U CAL LOS ANG	11		6	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-	-	-
	U CAL SANTA BARB	11		3	-	-	-	-	-	-	-	-	2	-	-	-	-	-	1	-	-	-	-	-	-
	U SOUTHERN CAL	13		26	1	-	-	3	-	1	5	2	6	-	-	-	3	-	1	-	-	-	1	-	-
	WEST COAST U LA	13		3	-	-	-	-	-	-	-	-	1	-	-	-	1	-	1	-	-	-	-	-	-
	STATE TOTAL			147	5	-	-	4	-	7	18	16	42	-	-	16	14	-	23	-	1	-	1	-	-
COLORADO	COL COLORADO SPRI	11		1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
	COL DENVER	11		4	-	-	-	-	-	-	-	-	3	1	-	-	-	-	-	-	-	-	-	-	-
	COLORADO	11		2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
	COLORADO ST	11		1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	USAF ACADEMY	12	*	13	4	-	-	-	-	-	4	-	2	2	-	-	-	-	1	-	-	-	-	-	-
	STATE TOTAL			21	5	-	-	-	-	1	4	-	6	3	-	-	-	-	2	-	-	-	-	-	-
CONNECTICUT	BRIDGEPORT U	13		4	-	-	-	-	-	-	-	-	3	-	-	-	-	-	1	-	-	-	-	-	-
	CONN	11		3	-	-	-	-	-	2	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
	HARTFORD	13		1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
	YALE	13		8	-	-	-	-	-	3	-	-	3	-	-	-	-	-	2	-	-	-	-	-	-
	STATE TOTAL			16	-	-	-	-	-	5	-	-	8	-	-	-	-	-	3	-	-	-	-	-	-
DELAWARE	DELAWARE	11	*	7	-	-	-	-	-	2	-	-	4	-	-	-	-	-	1	-	-	-	-	-	-
	STATE TOTAL			7	-	-	-	-	-	2	-	-	4	-	-	-	-	-	1	-	-	-	-	-	-
DIST OF COLUMBIA	CATHOLIC	14		6	-	-	-	-	-	1	-	1	3	-	-	-	-	-	1	-	-	-	-	-	-
	GEO WASHINGTON	11		7	-	-	-	-	-	-	-	2	1	-	-	-	-	-	4	-	-	-	-	-	-
	HOWARD	13		74	-	-	-	-	-	14	-	7	43	-	-	-	-	-	10	-	-	-	-	-	-
	U OF DC	12		40	-	-	-	-	-	-	4	15	8	-	-	-	-	-	13	-	-	-	-	-	-

BACHELOR DEGREES IN ENGINEERING BY SCHOOL - 1983-84 BLACKS

		AC	TOTAL	AER	AGR	ARC	BIO	CER	CHE	CMP	CVL	ELC	ENS	ENV	GNL	INM	MAR	MEC	MGN	MTL	NUC	PET	OTH	SYS
	STATE TOTAL		127	-	-	-	-	-	15	4	25	55	-	-	-	-	-	28	-	-	-	-	-	-
FLORIDA	CENTRAL FLORIDA	11	5	-	-	-	-	-	-	1	-	1	-	-	-	-	-	1	-	-	-	-	-	-
	EMBRY RIDDLE	13	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	FL INTERNATIONAL	41	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
	FLORIDA	11	14	2	1	-	-	-	1	2	-	2	1	1	-	1	-	2	-	1	-	-	-	-
	FLORIDA ATLANTIC	11	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-
	MIAMI	13	13	-	-	2	-	-	-	-	1	4	-	-	-	5	-	1	-	-	-	-	-	-
	SOUTH FLORIDA	11	9	-	-	-	-	-	1	-	1	1	2	-	3	1	-	-	-	-	-	-	-	-
	STATE TOTAL		46	4	1	2	-	-	2	5	2	1	3	1	3	7	-	5	-	1	-	-	-	-
GEORGIA	GEORGIA INST TECH	11	81	3	-	-	-	1	7	-	10	23	-	-	-	21	-	14	-	-	-	-	2	-
	STATE TOTAL		81	3	-	-	-	1	7	-	10	23	-	-	-	21	-	14	-	-	-	-	2	-
ILLINOIS	BRADLEY	13	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	ILL CHICAGO	11	8	-	-	-	-	-	-	2	-	3	-	-	-	1	-	1	-	1	-	-	-	-
	ILL INST TECH	13	15	-	-	-	-	-	6	-	1	4	-	-	-	-	-	3	-	1	-	-	-	-
	ILLINOIS	11	12	-	-	-	-	-	2	1	1	1	1	-	2	-	-	4	-	-	-	-	-	-
	MILLIKIN	44	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
	NORTHWESTERN	13	16	-	-	-	1	-	1	1	3	2	-	1	-	5	-	1	-	-	1	-	-	-
	PARKS ST LOUIS	14	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	STATE TOTAL		55	2	-	-	1	-	9	4	6	10	1	1	2	7	-	9	-	2	1	-	-	-
INDIANA	EVANSVILLE	14	2	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NOTRE DAME	14	7	1	-	-	-	-	1	-	-	4	-	-	-	-	-	1	-	-	-	-	-	-
	PURDUE INDNPLS	11	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
	PURDUE W LAF	11	52	3	-	-	-	-	6	-	1	16	-	-	6	13	-	6	-	-	-	-	-	-
	ROSE HULMAN	13	2	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
	STATE TOTAL		64	4	-	-	-	-	8	3	1	21	-	-	6	13	-	8	-	-	-	-	-	-
IOWA	IOWA ST	11	5	-	-	-	-	-	-	1	1	1	-	-	-	1	-	1	-	-	-	-	-	-
	STATE TOTAL		5	-	-	-	-	-	-	1	1	1	-	-	-	1	-	1	-	-	-	-	-	-
KANSAS	KANSAS	11	11	1	-	-	-	-	-	-	1	7	-	-	-	-	-	2	-	-	-	-	-	-
	KANSAS ST	11	4	-	-	1	-	-	-	-	-	2	-	-	-	1	-	-	-	-	-	-	-	-
	WICHITA	11	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
	STATE TOTAL		16	1	-	1	-	-	-	-	1	10	-	-	-	1	-	2	-	-	-	-	-	-
KENTUCKY	KENTUCKY	11	2	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
	LOUISVILLE	11	5	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-
	STATE TOTAL		7	-	-	-	-	-	1	-	-	1	5	-	-	-	-	-	-	-	-	-	-	-
LOUISIANA	LOUISIANA ST	11	8	-	-	-	-	-	3	-	1	2	-	-	-	2	-	-	-	-	-	-	-	-
	LOUISIANA TECH	11	10	-	1	-	-	-	1	-	1	-	-	-	-	3	-	1	-	-	-	3	-	-
	MCNEESE ST	11	5	-	-	-	-	-	4	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
	SOUTHERN UNIV	11	57	-	-	-	-	-	-	-	10	28	-	-	-	-	-	19	-	-	-	-	-	-
	SOUTHWESTERN LA	11	9	-	-	-	-	-	2	-	2	1	-	-	-	-	-	1	-	-	-	3	-	-
	TULANE	13	14	-	-	-	3	-	5	1	2	1	-	-	1	-	-	1	-	-	-	-	-	-
	STATE TOTAL		103	-	1	-	3	-	15	1	16	33	-	-	1	5	-	22	-	-	-	6	-	-
MAINE	MAINE MARITIME	41	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
	STATE TOTAL		1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
MARYLAND	JOHNS HOPKINS	13	3	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-
	MARYLAND	11	11	1	-	-	-	-	1	-	-	6	-	-	-	-	-	3	-	-	-	-	-	-

BACHELOR DEGREES IN ENGINEERING BY SCHOOL - 1983-84 BLACKS

		AC	TOTAL	AER	AGR	ARC	BIO	CER	CHE	CMP	CVL	ELC	ENS	ENV	GNL	INM	MAR	MEC	MGN	MTL	NUC	PET	OTH	SYS
MARYLAND	US NAVAL ACAD	12	5	1	-	-	-	-	-	-	-	-	-	-	2	-	1	-	-	-	-	-	-	1
	STATE TOTAL		19	2	-	-	-	-	2	-	-	6	-	-	2	1	1	3	-	1	-	-	-	1
MASSACHUSETTS	BOSTON	13	10	2	-	-	-	-	-	2	-	3	-	-	-	1	-	2	-	-	-	-	-	-
	HARVARD	13	4	-	-	-	-	-	-	2	-	-	2	-	-	-	-	-	-	-	-	-	-	-
	MASS	11	4	-	-	-	-	-	-	-	1	1	-	-	-	1	-	1	-	-	-	-	-	-
	MIT	13	49	22	-	-	-	-	5	2	-	11	-	-	-	-	-	8	-	1	-	-	-	-
	NORTHEASTERN	13	17	-	-	-	-	-	3	-	5	6	-	-	-	-	-	3	-	-	-	-	-	-
	SE MASSACHUSETTS	11 *	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
	TUFTS	13	6	-	-	-	-	-	2	-	1	2	-	-	-	-	-	1	-	-	-	-	-	-
	WESTERN NEW ENG	13	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
	WORCESTER POLY	13	2	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-
	STATE TOTAL		94	24	-	-	-	-	10	6	7	26	2	-	-	3	-	15	-	1	-	-	-	-
MICHIGAN	DETROIT	14	7	-	-	-	-	-	2	-	-	3	-	-	-	-	-	2	-	-	-	-	-	-
	GMI E & M INST	13	22	-	-	-	-	-	-	-	-	8	-	-	-	4	-	10	-	-	-	-	-	-
	LAWRENCE TECH	13	5	-	-	-	-	-	-	-	1	3	-	-	-	-	-	1	-	-	-	-	-	-
	MICH DEARBORN	11	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
	MICHIGAN	11	31	4	-	-	-	-	7	1	2	2	1	3	-	2	-	8	-	-	1	-	-	-
	MICHIGAN ST	11	13	-	-	-	-	-	2	-	1	3	-	-	6	-	-	-	-	-	-	-	-	3
	MICHIGAN TECH	11	4	-	-	-	-	-	-	-	1	2	-	-	-	-	-	1	-	-	-	-	-	-
	OAKLAND	11 *	2	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
	WAYNE ST	11	16	-	-	-	-	-	11	-	-	3	-	-	-	-	-	2	-	-	-	-	-	-
	STATE TOTAL		103	4	-	-	-	-	22	2	5	25	1	3	6	6	-	24	-	-	1	-	-	4
MISSISSIPPI	MISSISSIPPI	11	4	-	-	-	-	-	-	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-
	MISSISSIPPI ST	11	10	1	1	-	-	-	4	-	1	1	-	-	-	1	-	1	-	-	-	-	-	-
	STATE TOTAL		14	1	1	-	-	-	4	1	2	3	-	-	-	1	-	1	-	-	-	-	-	-
MISSOURI	MO COLUMBIA	11	8	-	-	-	-	-	1	1	-	3	-	-	-	2	-	1	-	-	-	-	-	-
	MO ROLLA	11	22	-	-	-	-	-	3	-	1	4	-	-	5	-	-	5	-	3	-	1	-	-
	WASHINGTON	11	7	-	-	-	-	-	3	-	-	2	-	-	-	-	-	2	-	-	-	-	-	-
	STATE TOTAL		37	-	-	-	-	-	7	1	1	9	-	-	5	2	-	8	-	3	-	1	-	-
NEVADA	NEVADA RENO	11	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-
	STATE TOTAL		2	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-
NEW HAMPSHIRE	DARTMOUTH	13	4	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-
	STATE TOTAL		4	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-
NEW JERSEY	FAIRLGH DICKINSON	13 *	10	-	-	-	-	-	-	-	-	5	-	-	-	1	-	4	-	-	-	-	-	-
	NJ INST TECH	11	22	-	-	-	-	-	7	-	2	1	-	-	-	3	-	9	-	-	-	-	-	-
	PRINCETON	11	9	-	-	-	-	-	-	-	5	3	-	-	-	-	-	1	-	-	-	-	-	-
	RUTGERS	11	16	-	-	-	-	-	4	-	1	2	-	-	-	3	-	6	-	-	-	-	-	-
	STEVENS INST TECH	13	5	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-
	STATE TOTAL		62	-	-	-	-	-	11	-	8	11	-	-	5	7	-	20	-	-	-	-	-	-
NEW MEXICO	NEW MEXICO	11	2	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-
	NEW MEXICO M&T	11	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
	STATE TOTAL		3	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	1	-	-
NEW YORK	CCNY	11 *	72	-	-	-	-	-	5	13	12	30	-	-	-	-	-	12	-	-	-	-	-	-
	COLUMBIA	13	7	-	-	-	-	-	1	-	2	1	-	-	-	2	-	1	-	-	-	-	-	-
	CORNELL	13	20	-	-	-	-	-	4	-	1	5	2	-	-	3	-	4	-	1	-	-	-	-
	HOFSTRA	13 *	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-

BACHELOR DEGREES IN ENGINEERING BY SCHOOL - 1983-84 BLACKS

		AC		TOTAL	AER	AGR	ARC	BIO	CER	CHE	CMP	CVL	ELC	ENS	ENV	GNL	INM	MAR	MEC	MGN	MTL	NUC	PET	OTH	SYS
NEW YORK	MANHATTAN	13		5	-	-	-	-	-	-	-	2	-	-	-	-	-	-	3	-	-	-	-	-	-
	MERCHANT MARINE	12		1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
	POLY INST NY	13		24	4	-	-	-	-	2	-	2	11	-	-	-	1	-	3	-	-	1	-	-	-
	PRATT	13	*	32	-	-	1	-	-	4	-	-	21	-	-	-	4	-	2	-	-	-	-	-	-
	RENSSELAER POLY	13		24	-	-	-	-	-	8	2	1	6	-	-	-	3	-	3	-	1	-	-	-	-
	ROCHESTER	13		4	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
	STATEN ISLAND	11		3	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-
	SUNY BUFFALO	11	*	3	-	-	-	-	-	1	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-
	SUNY STONY BROOK	11		2	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-
	SYRACUSE	13		11	1	-	-	-	-	-	3	-	5	-	-	-	1	-	-	-	-	-	-	-	-
	US MILITARY ACADE	42	*	54	-	-	-	-	-	-	-	-	-	54	-	-	-	-	-	-	-	-	-	-	-
	STATE TOTAL			263	5	-	1	-	-	28	18	20	83	6	-	-	14	1	29	-	2	1	-	1	-
NORTH CAROLINA	DUKE	13		5	-	-	-	1	-	-	-	1	3	-	-	-	-	-	-	-	-	-	-	-	-
	NC A&T	11	*	56	-	-	7	-	-	-	-	-	19	2	-	-	11	-	17	-	-	-	-	-	-
	NC ST	11		52	6	-	-	-	-	8	-	5	6	-	-	6	13	-	5	-	3	-	-	-	-
	STATE TOTAL			113	6	-	7	1	-	8	-	6	28	2	-	6	24	-	22	-	3	-	-	-	-
NORTH DAKOTA	NORTH DAKOTA ST	11		3	-	-	-	-	-	-	-	-	1	-	-	-	-	-	2	-	-	-	-	-	-
	STATE TOTAL			3	-	-	-	-	-	-	-	-	1	-	-	-	-	-	2	-	-	-	-	-	-
OHIO	CASE W RESERVE	13		9	-	-	-	-	-	1	1	1	3	-	-	-	-	-	1	-	-	-	-	-	2
	CINCINNATI	11		5	1	-	-	-	-	1	-	-	1	-	-	-	1	-	1	-	-	-	-	-	-
	CLEVELAND ST	11	*	4	-	-	-	-	-	1	-	-	1	-	-	1	1	-	-	-	-	-	-	-	-
	DAYTON	14		7	-	-	-	-	-	3	-	-	2	-	-	-	-	-	2	-	-	-	-	-	-
	OHIO	11		5	-	-	-	-	-	-	-	-	2	-	-	-	3	-	-	-	-	-	-	-	-
	OHIO ST	11		12	1	-	-	-	-	1	6	-	-	-	-	-	3	-	1	-	-	-	-	-	-
	TOLEDO	11		3	-	-	-	-	-	-	-	-	2	-	-	-	-	-	1	-	-	-	-	-	-
	WRIGHT ST	11		3	-	-	-	1	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-
	YOUNGSTOWN	11	*	2	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
	STATE TOTAL			50	2	-	-	1	-	8	7	1	11	1	-	1	9	-	7	-	-	-	-	-	2
OKLAHOMA	OKLAHOMA ST	11		2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TULSA	14		3	-	-	-	-	-	2	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
	STATE TOTAL			5	1	1	-	-	-	2	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
OREGON	PORTLAND ST	11		1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	STATE TOTAL			1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
PENNSYLVANIA	BUCKNELL	13		1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
	CARNEGIE MELLON	13		11	-	-	-	-	-	2	-	2	5	-	-	-	-	-	2	-	-	-	-	-	-
	DREXEL	13		28	-	-	-	-	-	7	-	5	9	-	-	-	-	-	7	-	-	-	-	-	-
	GENEVA	44		1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	LAFAYETTE	14		2	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	LEHIGH	21		1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
	PENN	13		10	-	-	-	1	-	1	1	1	-	-	-	-	-	-	3	-	-	-	-	-	3
	PENN ST	11		7	1	-	-	-	-	1	-	3	-	-	-	-	-	-	1	-	-	-	1	-	-
	PITT	13		16	-	-	-	-	-	7	-	-	2	-	-	-	4	-	3	-	-	-	-	-	-
	VILLANOVA	13		4	-	-	-	-	-	-	-	1	3	-	-	-	-	-	-	-	-	-	-	-	-
	WIDENER	13		2	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-
	STATE TOTAL			83	1	-	-	1	-	20	1	13	21	-	-	-	5	-	17	-	-	-	1	-	3
RHODE ISLAND	BROWN	13		8	-	-	-	1	-	3	-	1	2	-	-	-	-	-	1	-	-	-	-	-	-
	RHODE ISLAND	11	*	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	STATE TOTAL			9	-	-	-	1	-	4	-	1	2	-	-	-	-	-	1	-	-	-	-	-	-

BACHELOR DEGREES IN ENGINEERING BY SCHOOL - 1983-84 BLACKS

		AC	TOTAL	AER	AGR	ARC	BIO	CER	CHE	CMP	CVL	ELC	ENS	ENV	GNL	INM	MAR	MEC	MGN	MTL	NUC	PET	OTH	SYS
SOUTH CAROLINA	CLEMSON	11	11	-	-	-	-	-	4	-	3	2	-	-	-	-	-	2	-	-	-	-	-	-
	SOUTH CAROLINA	11	15	-	-	-	-	-	2	-	2	5	-	-	-	-	-	6	-	-	-	-	-	-
	STATE TOTAL		26	-	-	-	-	-	6	-	5	7	-	-	-	-	-	8	-	-	-	-	-	-
TENNESSEE	CHRISTIAN BROS	14	6	-	-	-	-	-	3	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-
	MEMPHIS ST	11	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
	TENN CHATTA	21 *	2	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
	TENN KNOXVL	11	22	-	-	-	-	-	4	-	5	3	-	-	-	6	-	3	-	1	-	-	-	-
	TENNESSEE ST	11	25	-	-	2	-	-	-	-	5	8	-	-	-	-	-	10	-	-	-	-	-	-
	TENNESSEE TECH	11	10	-	-	-	-	-	2	-	1	1	-	-	-	4	-	2	-	-	-	-	-	-
	VANDERBILT	13	7	-	-	-	-	-	-	-	2	3	-	-	-	-	-	2	-	-	-	-	-	-
	STATE TOTAL		73	-	-	2	-	-	10	-	13	19	-	-	-	10	-	18	-	1	-	-	-	-
TEXAS	HOUSTON	11	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-
	LAMAR	11	11	-	-	-	-	-	5	-	2	-	-	-	-	-	-	4	-	-	-	-	-	-
	PRAIRIE VIEW A&M	11	97	-	-	11	-	-	-	-	11	40	-	-	-	-	-	35	-	-	-	-	-	-
	RICE	13	10	-	-	-	-	-	2	2	-	5	-	-	-	-	-	1	-	-	-	-	-	-
	STHN METHODIST	14	4	-	-	-	-	-	-	-	-	2	-	-	-	1	-	1	-	-	-	-	-	-
	TEXAS A&I	11	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-
	TEXAS A&M	11	9	-	-	-	-	-	-	-	-	2	-	-	-	4	-	2	-	-	1	-	-	-
	TEXAS ARLINGTON	11	3	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-
	TEXAS AUSTIN	11	16	-	-	1	-	-	3	-	2	3	1	-	-	-	-	3	-	-	-	3	-	-
	TEXAS TECH	11	13	-	-	-	-	-	2	-	1	2	-	-	-	2	-	4	-	-	-	2	-	-
	STATE TOTAL		167	-	-	12	-	-	12	2	18	56	1	-	-	7	-	51	-	-	1	7	-	-
VIRGINIA	OLD DOMINION	11	6	-	-	-	-	-	-	-	3	2	-	-	-	-	-	1	-	-	-	-	-	-
	VIRGINIA	11	4	1	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1
	VMI	11	4	-	-	-	-	-	-	-	3	1	-	-	-	-	-	-	-	-	-	-	-	-
	VPI	11	18	1	-	-	-	-	1	-	4	9	-	-	-	3	-	-	-	-	-	-	-	-
	STATE TOTAL		32	2	-	-	-	-	1	2	10	12	-	-	-	3	-	1	-	-	-	-	-	1
WASHINGTON	WASHINGTON	14	3	-	-	-	-	-	-	-	1	-	-	-	-	-	-	2	-	-	-	-	-	-
	WASHINGTON ST	11	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
	STATE TOTAL		4	-	-	-	-	-	-	-	1	1	-	-	-	-	-	2	-	-	-	-	-	-
WEST VIRGINIA	W VIRGINIA	11	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
	WV TECH	11	2	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
	STATE TOTAL		3	-	-	-	-	-	-	-	1	2	-	-	-	-	-	-	-	-	-	-	-	-
WISCONSIN	MARQUETTE	14	3	-	-	-	1	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-
	MILWAUKEE ENG	11 *	5	-	-	-	-	-	-	-	-	2	-	-	-	-	-	3	-	-	-	-	-	-
	WISC MADISON	11	8	-	-	-	-	-	2	-	-	2	-	-	-	2	-	1	-	1	-	-	-	-
	WISC MILWAUKEE	11	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
	STATE TOTAL		17	-	-	-	1	-	2	-	-	6	-	-	-	2	-	5	-	1	-	-	-	-
TOTAL			2022	73	4	25	13	1	250	83	197	626	79	5	58	176	3	373	3	18	4	17	3	11

BACHELOR DEGREES IN ENGINEERING BY SCHOOL - 1983-84 HISPANICS

		AC		TOTAL	AER	AGR	ARC	BIO	CER	CHE	CMP	CVL	ELC	ENS	ENV	GNL	INM	MAR	MEC	MGN	MTL	NUC	PET	OTH	SYS
ALABAMA	ALABAMA	11		2	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
	AUBURN	11		4	-	-	-	-	-	1	-	-	1	-	-	-	1	-	1	-	-	-	-	-	-
	SOUTH ALABAMA	11		1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	STATE TOTAL			7	-	-	-	-	-	2	-	1	2	-	-	-	1	-	1	-	-	-	-	-	-
ALASKA	ALASKA	11		1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
	STATE TOTAL			1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
ARIZONA	ARIZONA	11		23	1	-	-	-	-	-	-	7	5	1	-	-	1	-	4	-	-	2	-	-	2
	ARIZONA ST	11		9	-	-	-	-	-	1	-	-	5	-	-	-	1	-	1	-	1	-	-	-	-
	NORTHERN ARIZONA	11		2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-
	STATE TOTAL			34	1	-	-	-	-	1	-	7	10	1	-	-	2	-	7	-	1	2	-	-	2
ARKANSAS	ARKANSAS	11		1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
	STATE TOTAL			1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
CALIFORNIA	CAL POLY ST SLO	11		21	-	1	3	-	-	-	-	4	5	-	-	-	2	-	5	-	1	-	-	-	-
	CAL ST CHICO	11	*	3	-	-	-	-	-	-	-	2	-	-	-	-	-	-	1	-	-	-	-	-	-
	CAL ST FRESNO	11	*	3	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-
	CAL ST FULLERTON	11		3	-	-	-	-	-	-	-	-	2	-	-	-	-	-	1	-	-	-	-	-	-
	CAL ST LONG BEACH	11		15	-	-	-	-	-	-	3	4	5	-	-	-	1	1	1	-	-	-	-	-	-
	CAL ST LOS ANG	11	*	10	-	-	-	-	-	-	-	3	4	-	-	-	-	-	3	-	-	-	-	-	-
	CAL ST NORTHRIDGE	11		12	-	-	-	-	-	-	1	-	-	-	-	11	-	-	-	-	-	-	-	-	-
	CAL ST POLY POMON	11		36	5	-	-	-	-	3	-	3	21	-	-	-	-	-	4	-	-	-	-	-	-
	CAL ST SACRAMENTO	11	*	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
	LOYOLA MARYMOUNT	14		10	-	-	-	-	-	-	1	5	4	-	-	-	-	-	-	-	-	-	-	-	-
	SAN DIEGO ST	11		14	1	-	-	-	-	-	-	4	6	-	-	-	-	-	3	-	-	-	-	-	-
	SAN FRAN ST	11		1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
	SAN JOSE ST	11		29	-	-	-	-	-	1	6	1	11	-	-	1	1	-	7	-	1	-	-	-	-
	STANFORD	13		20	-	-	-	-	-	-	-	-	9	-	-	-	10	-	1	-	-	-	-	-	-
	U CAL BERKELEY	11		12	-	-	-	-	-	-	1	5	2	-	-	-	-	-	3	-	-	1	-	-	-
	U CAL DAVIS	11		16	-	3	-	-	-	5	-	-	6	-	-	-	-	-	2	-	-	-	-	-	-
	U CAL IRVINE	11		10	-	-	-	-	-	-	-	2	5	-	-	-	-	-	3	-	-	-	-	-	-
	U CAL LOS ANG	11		20	-	-	-	-	-	-	-	-	-	-	-	20	-	-	-	-	-	-	-	-	-
	U CAL SANTA BARB	11		17	-	-	-	-	-	5	-	-	6	-	-	-	-	-	6	-	-	-	-	-	-
	U OF THE PACIFIC	13		5	-	-	-	-	-	-	-	-	4	-	-	-	1	-	-	-	-	-	-	-	-
	U SANTA CLARA	14		8	-	-	-	-	-	-	-	2	4	-	-	-	-	-	2	-	-	-	-	-	-
	U SOUTHERN CAL	13		28	3	-	-	2	-	3	9	5	1	-	-	-	1	-	3	-	-	-	1	-	-
	WEST COAST U LA	13		1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
	STATE TOTAL			295	9	4	3	2	-	17	21	40	98	-	-	33	16	1	47	-	2	1	1	-	-
COLORADO	COL DENVER	11		2	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
	COLORADO	11		10	-	-	3	-	-	1	-	1	4	-	-	-	-	-	1	-	-	-	-	-	-
	COLORADO MINES	11		3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2	-	-
	COLORADO ST	11		6	-	-	-	-	-	1	-	3	2	-	-	-	-	-	-	-	-	-	-	-	-
	USAF ACADEMY	12	*	9	2	-	-	-	-	-	-	2	2	1	-	-	-	-	2	-	-	-	-	-	-
	STATE TOTAL			30	2	-	3	-	-	2	-	7	9	1	-	-	-	-	3	1	-	-	2	-	-
CONNECTICUT	BRIDGEPORT U	13		1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	CONN	11		3	-	-	-	-	-	-	1	-	-	-	-	-	-	-	2	-	-	-	-	-	-
	HARTFORD	13		2	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
	YALE	13		4	-	-	-	-	-	2	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-
	STATE TOTAL			10	-	-	-	-	-	2	2	1	2	-	-	-	-	-	3	-	-	-	-	-	-
DELAWARE	DELAWARE	11	*	2	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-

BACHELOR DEGREES IN ENGINEERING BY SCHOOL - 1983-84 HISPANICS

		AC	TOTAL	AER	AGR	ARC	BIO	CER	CHE	CMP	CVL	ELC	ENS	ENV	GNL	INM	MAR	MEC	MGN	MTL	NUC	PET	OTH	SYS
	STATE TOTAL		2	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
DIST OF COLUMBIA	CATHOLIC	14	2	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
	GEO WASHINGTON	11	10	-	-	-	-	-	-	-	3	4	-	-	-	-	-	2	-	-	-	-	-	1
	U OF DC	12	10	-	-	-	-	-	-	2	4	1	-	-	-	-	-	3	-	-	-	-	-	-
	STATE TOTAL		22	-	-	-	-	-	-	2	8	6	-	-	-	-	-	5	-	-	-	-	-	1
FLORIDA	CENTRAL FLORIDA	11	12	-	-	-	-	-	-	3	-	6	-	1	-	2	-	-	-	-	-	-	-	-
	EMBRY RIDDLE	13	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	FL INTERNATIONAL	41	17	-	-	-	-	-	-	-	9	8	-	-	-	-	-	-	-	-	-	-	-	-
	FLORIDA	11	43	6	1	-	-	-	3	1	4	6	4	-	-	9	-	4	-	4	1	-	-	-
	FLORIDA ATLANTIC	11	15	-	-	-	-	-	-	-	-	7	-	-	-	-	1	7	-	-	-	-	-	-
	FLORIDA INS TECH	13	5	-	-	-	-	-	-	2	-	3	-	-	-	-	-	-	-	-	-	-	-	-
	MIAMI	13	37	-	-	3	-	-	-	-	2	12	-	-	-	13	-	7	-	-	-	-	-	-
	SOUTH FLORIDA	11	26	-	-	-	-	-	5	-	5	10	3	-	-	2	-	1	-	-	-	-	-	-
	STATE TOTAL		156	7	1	3	-	-	8	3	20	52	7	1	-	26	1	12	-	4	1	-	-	-
GEORGIA	GEORGIA	11	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	GEORGIA INST TECH	11	26	4	-	-	-	-	1	-	-	11	-	-	-	4	-	6	-	-	-	-	-	-
	STATE TOTAL		28	4	2	-	-	-	1	-	-	11	-	-	-	4	-	6	-	-	-	-	-	-
ILLINOIS	ILL CHICAGO	11	15	-	-	-	1	-	-	4	-	6	-	-	-	-	-	4	-	-	-	-	-	-
	ILL INST TECH	13	6	-	-	-	-	-	-	-	1	4	-	-	-	-	-	1	-	-	-	-	-	-
	ILLINOIS	11	18	1	1	-	-	1	1	-	2	3	-	-	1	1	-	6	-	-	1	-	-	-
	NORTHWESTERN	13	4	-	-	-	-	-	1	-	1	-	1	-	-	-	-	1	-	-	-	-	-	-
	STATE TOTAL		43	1	1	-	1	1	2	4	4	13	1	-	1	1	-	12	-	-	1	-	-	-
INDIANA	NOTRE DAME	14	6	2	-	-	-	-	1	-	-	2	-	-	-	-	-	1	-	-	-	-	-	-
	PURDUE CALUMET	11	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-
	PURDUE INDNPLS	11	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
	PURDUE W LAF	11	10	1	-	-	-	-	2	-	4	-	-	-	1	1	-	-	-	1	-	-	-	-
	ROSE HULMAN	13	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
	STATE TOTAL		20	3	-	-	-	-	3	-	4	5	-	-	1	1	-	2	-	1	-	-	-	-
IOWA	IOWA	11	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	IOWA ST	11	4	-	-	-	-	1	-	-	-	1	-	-	-	2	-	-	-	-	-	-	-	-
	STATE TOTAL		5	-	-	-	1	1	-	-	-	1	-	-	-	2	-	-	-	-	-	-	-	-
KANSAS	KANSAS	11	2	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
	KANSAS ST	11	7	-	-	-	-	-	-	-	1	1	-	-	-	2	-	2	-	-	1	-	-	-
	WICHITA	11	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
	STATE TOTAL		11	1	-	-	-	-	1	-	1	2	-	-	-	2	-	3	-	-	1	-	-	-
KENTUCKY	KENTUCKY	11	2	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-
	LOUISVILLE	11	3	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-
	STATE TOTAL		5	-	-	-	-	-	-	-	1	-	3	-	-	-	-	1	-	-	-	-	-	-
LOUISIANA	LOUISIANA ST	11	4	-	-	-	-	-	-	-	1	1	-	-	-	-	-	2	-	-	-	-	-	-
	LOUISIANA TECH	11	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
	SOUTHWESTERN LA	11	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-
	TULANE	13	9	-	-	-	2	-	-	-	1	3	-	-	-	-	-	3	-	-	-	-	-	-
	STATE TOTAL		16	-	-	-	2	-	-	-	2	4	-	-	-	-	-	7	-	-	-	1	-	-
MARYLAND	JOHNS HOPKINS	13	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	MARYLAND	11	13	-	-	-	-	-	2	-	1	6	-	-	-	-	-	4	-	-	-	-	-	-

BACHELOR DEGREES IN ENGINEERING BY SCHOOL - 1983-84 HISPANICS

		AC	TOTAL	AER	AGR	ARC	BIO	CER	CHE	CMP	CVL	ELC	ENS	ENV	GNL	INM	MAR	MEC	MGN	MTL	NUC	PET	OTH	SYS
MARYLAND	US NAVAL ACAD	12	17	4	-	-	-	-	-	-	-	1	-	-	8	-	1	1	-	-	-	-	-	2
	STATE TOTAL		3	[illegible]	-	-	1	-	2	-	1	7	-	-	8	-	1	5	-	-	-	-	-	2
MASSACHUSETTS	BOSTON	13	13	2	-	-	-	-	-	1	-	5	-	-	-	1	-	3	-	-	-	-	-	1
	MASS	11	13	-	-	-	-	-	-	1	2	3	-	-	-	3	-	4	-	-	-	-	-	-
	MIT	13	16	-	-	-	-	-	4	2	2	3	-	-	-	-	-	4	-	1	-	-	-	-
	NORTHEASTERN	13	11	-	-	-	-	-	-	-	1	4	-	-	-	2	-	4	-	-	-	-	-	-
	WORCESTER POLY	13	3	-	-	-	-	-	1	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-
	STATE TOTAL		56	2	-	-	-	-	5	4	5	16	-	-	-	6	-	16	-	1	-	-	-	1
MICHIGAN	GMI E & M INST	13	7	-	-	-	-	-	-	-	-	-	-	-	-	5	-	2	-	-	-	-	-	-
	LAWRENCE TECH	13	3	-	-	-	-	-	-	-	-	1	-	-	-	-	-	2	-	-	-	-	-	-
	MICH DEARBORN	11	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
	MICHIGAN	11	7	-	-	-	-	-	1	1	2	2	-	-	-	-	-	1	-	-	-	-	-	-
	MICHIGAN ST	11	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-
	MICHIGAN TECH	11	2	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-
	WAYNE ST	11	4	-	-	-	-	-	-	-	-	2	-	-	-	-	-	2	-	-	-	-	-	-
	STATE TOTAL		26	-	-	-	-	-	1	1	2	8	-	-	-	5	-	9	-	-	-	-	-	-
MISSISSIPPI	MISSISSIPPI	11	2	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	STATE TOTAL		2	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
MISSOURI	MO ROLLA	11	8	-	-	-	-	1	-	-	-	3	-	-	3	-	-	-	-	1	-	-	-	-
	WASHINGTON	11	6	-	-	-	-	-	1	1	-	3	-	-	-	-	-	1	-	-	-	-	-	-
	STATE TOTAL		14	-	-	-	-	1	1	1	-	6	-	-	3	-	-	1	-	1	-	-	-	-
MONTANA	MONTANA MINERAL	11	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	STATE TOTAL		1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
NEVADA	NEVADA LAS VEG	41	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
	STATE TOTAL		1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
NEW JERSEY	FAIRLGH DICKINSON	13 *	10	-	-	-	-	-	-	-	-	5	-	-	-	1	-	4	-	-	-	-	-	-
	NJ INST TECH	11	31	-	-	-	-	-	5	-	10	10	-	-	-	-	-	6	-	-	-	-	-	-
	PRINCETON	11	9	-	-	-	-	-	-	-	2	3	-	-	-	-	-	4	-	-	-	-	-	-
	RUTGERS	11	12	-	-	-	-	3	3	-	4	1	-	-	-	-	-	1	-	-	-	-	-	-
	STEVENS INST TECH	13	18	-	-	-	-	-	-	-	-	-	-	-	18	-	-	-	-	-	-	-	-	-
	STATE TOTAL		80	-	-	-	-	3	8	-	16	19	-	-	18	1	-	15	-	-	-	-	-	-
NEW MEXICO	NEW MEXICO	11	43	-	-	-	-	-	7	3	12	12	-	-	-	-	-	9	-	-	-	-	-	-
	NEW MEXICO M&T	11	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	6	-	-
	NEW MEXICO ST	11	54	-	-	-	-	-	2	-	17	25	-	-	-	4	-	5	1	-	-	-	-	-
	STATE TOTAL		105	-	-	-	-	-	9	3	29	37	-	-	-	4	-	14	2	1	-	6	-	-
NEW YORK	CCNY	11 *	34	-	-	-	-	-	1	7	5	15	-	-	-	-	-	6	-	-	-	-	-	-
	CLARKSON	13	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
	COLUMBIA	13	14	-	-	-	1	-	1	2	2	3	-	-	-	1	-	2	-	-	1	-	-	1
	COOPER UNION	13	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	CORNELL	13	23	-	1	-	-	-	4	1	1	7	2	-	-	-	-	6	1	-	-	-	-	-
	HOFSTRA	13 *	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
	MANHATTAN	13	43	-	-	-	-	-	1	-	2	17	-	-	-	-	-	13	-	-	-	-	-	-
	MERCHANT MARINE	12	3	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-
	POLY INST NY	13	19	1	-	-	-	-	3	-	1	8	-	-	-	1	-	5	-	-	-	-	-	-
	PRATT	13 *	7	-	-	-	-	-	1	-	-	3	-	-	-	-	-	3	-	-	-	-	-	-
	RENSSELAER POLY	13	30	1	-	-	1	-	4	1	-	12	-	-	-	4	-	5	-	1	1	-	-	-

BACHELOR DEGREES IN ENGINEERING BY SCHOOL - 1983-84 HISPANICS

		AC		TOTAL	AER	AGR	ARC	BIO	CER	CHE	CMP	CVL	ELC	ENS	ENV	GNL	INM	MAR	MEC	MGN	MTL	NUC	PET	OTH	SYS
NEW YORK	ROCHESTER	13		3	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	-	-	-	-
	ROCHESTER TECH	13		2	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-
	STATEN ISLAND	11		1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
	SUNY BUFFALO	11	*	2	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
	SUNY ENV SCI & FR	11	*	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
	SUNY MARITIME	11		3	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-
	SUNY STONY BROOK	11		3	-	-	-	-	-	-	-	-	1	-	-	-	-	-	2	-	-	-	-	-	-
	SYRACUSE	13		4	-	-	-	-	-	-	-	1	1	-	-	-	1	-	1	-	-	-	-	-	-
	US MILITARY ACADE	42	*	30	-	-	-	-	-	-	-	-	-	30	-	-	-	-	-	-	-	-	-	-	-
	STATE TOTAL			226	3	2	-	2	-	15	11	23	70	35	-	-	8	6	45	1	1	2	-	1	1
NORTH CAROLINA	DUKE	13		1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
	NC ST	11		3	-	-	-	-	-	1	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-
	STATE TOTAL			4	-	-	-	-	-	1	-	-	1	-	-	-	1	-	1	-	-	-	-	-	-
NORTH DAKOTA	NORTH DAKOTA ST	11		19	-	1	-	-	-	-	-	2	14	-	-	-	1	-	1	-	-	-	-	-	-
	STATE TOTAL			19	-	1	-	-	-	-	-	2	14	-	-	-	1	-	1	-	-	-	-	-	-
OHIO	AIR FORCE INST	12		1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	CASE W RESERVE	13		1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
	CINCINNATI	11		2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
	CLEVELAND ST	11	*	6	-	-	-	-	-	2	-	-	3	-	-	1	-	-	-	-	-	-	-	-	-
	DAYTON	14		1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
	OHIO ST	11		1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
	TOLEDO	11		7	-	-	-	-	-	-	2	-	3	-	-	-	-	-	2	-	-	-	-	-	-
	WRIGHT ST	11		1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	YOUNGSTOWN	11	*	2	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
	STATE TOTAL			22	2	-	-	1	-	3	2	-	8	-	-	1	-	-	3	-	2	-	-	-	-
OKLAHOMA	OKLAHOMA ST	11		4	-	1	-	-	-	-	-	-	1	-	-	-	1	-	1	-	-	-	-	-	-
	TULSA	14		2	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	STATE TOTAL			6	-	1	-	-	-	-	1	-	1	-	-	-	1	-	1	1	-	-	-	-	-
OREGON	PORTLAND	13		1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
	PORTLAND ST	11		2	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-
	STATE TOTAL			3	-	-	-	-	-	-	-	1	1	-	-	-	-	-	1	-	-	-	-	-	-
PENNSYLVANIA	BUCKNELL	13		1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	DREXEL	13		2	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-
	LEHIGH	21		6	-	-	-	-	-	2	-	1	2	-	-	-	-	-	1	-	-	-	-	-	-
	PENN	13		6	-	-	-	1	-	-	2	-	-	-	-	-	-	-	3	-	-	-	-	-	-
	PENN ST	11		10	-	-	-	-	-	1	-	-	1	-	-	-	2	-	2	-	1	1	2	-	-
	VILLANOVA	13		4	-	-	-	-	-	-	-	-	3	-	-	-	-	-	1	-	-	-	-	-	-
	WIDENER	13		2	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-
	STATE TOTAL			31	-	-	-	2	-	3	2	1	9	-	-	-	2	-	8	-	1	1	2	-	-
PUERTO RICO	PR MAYAGUEZ	11		355	-	-	-	-	-	69	2	33	116	-	-	-	73	-	62	-	-	-	-	-	-
	STATE TOTAL			355	-	-	-	-	-	69	2	33	116	-	-	-	73	-	62	-	-	-	-	-	-
RHODE ISLAND	RHODE ISLAND	11	*	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
	STATE TOTAL			1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH CAROLINA	CLEMSON	11		1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
	SOUTH CAROLINA	11		2	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-
	STATE TOTAL			3	-	-	-	-	-	-	-	1	-	-	-	-	-	-	2	-	-	-	-	-	-

BACHELOR DEGREES IN ENGINEERING BY SCHOOL - 1983-84 HISPANICS

		AC		TOTAL	AER	AGR	ARC	BIO	CER	CHE	CMP	CVL	ELC	ENS	ENV	GNL	INM	MAR	MEC	MGN	MTL	NUC	PET	OTH	SYS
SOUTH DAKOTA	SOUTH DAKOTA ST	11		1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
	STATE TOTAL			1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
TENNESSEE	MEMPHIS ST	11		3	-	-	-	-	-	-	-	-	2	-	-	-	-	-	1	-	-	-	-	-	-
	TENN CHATTA	21	*	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
	TENN KNOXVL	11		12	-	1	-	-	-	2	-	-	3	1	-	-	3	-	2	-	-	-	-	-	-
	TENNESSEE TECH	11		15	-	-	-	-	-	2	-	2	2	-	-	-	6	-	3	-	-	-	-	-	-
	STATE TOTAL			31	-	1	-	-	-	4	-	2	7	1	-	-	10	-	6	-	-	-	-	-	-
TEXAS	HOUSTON	11		7	-	-	-	-	-	2	-	1	2	-	-	-	-	-	2	-	-	-	-	-	-
	LAMAR	11		3	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	RICE	13		7	-	-	-	-	-	-	1	3	2	-	-	-	-	-	1	-	-	-	-	-	-
	ST MARYS	14		4	-	-	-	-	-	-	-	-	2	-	-	-	2	-	-	-	-	-	-	-	-
	STHN METHODIST	14		15	-	-	-	-	-	-	1	1	6	-	-	-	3	-	4	-	-	-	-	-	-
	TEXAS A&I	11		54	-	-	-	-	-	6	-	11	20	-	-	-	-	-	9	-	-	-	8	-	-
	TEXAS A&M	11		35	-	3	-	-	-	1	-	9	4	-	-	-	3	1	7	-	-	3	3	1	-
	TEXAS ARLINGTON	11		8	-	-	-	-	-	-	-	5	2	-	-	-	1	-	-	-	-	-	-	-	-
	TEXAS AUSTIN	11		67	4	-	3	-	-	6	-	15	20	-	-	-	-	-	8	-	-	-	11	-	-
	TEXAS EL PASO	11		84	-	-	-	-	-	-	-	20	34	-	-	-	3	-	16	-	11	-	-	-	-
	TEXAS TECH	11		7	-	-	-	-	-	1	-	1	-	-	-	-	3	-	1	-	-	-	1	-	-
	TRINITY TEXAS	13		1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
	STATE TOTAL			292	4	3	3	-	-	19	2	66	92	1	-	-	15	1	48	-	11	3	23	1	-
UTAH	BRIGHAM YOUNG	14		2	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-
	STATE TOTAL			2	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-
VIRGINIA	OLD DOMINION	11		1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
	VIRGINIA	11		2	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
	VMI	11		2	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
	VPI	11		4	1	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	-	-	-	-
	STATE TOTAL			9	1	-	-	-	-	-	1	1	4	1	-	-	-	-	1	-	-	-	-	-	-
WASHINGTON	GONZAGA	44		2	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	SEATTLE	14		1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	WALLA WALLA	14		1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
	WASHINGTON	14		4	-	-	-	-	-	-	-	2	-	-	-	-	-	-	2	-	-	-	-	-	-
	WASHINGTON ST	11		2	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-
	STATE TOTAL			10	-	-	-	-	-	-	-	5	1	-	-	1	-	-	3	-	-	-	-	-	-
WEST VIRGINIA	W VIRGINIA	11		5	-	-	-	-	-	-	-	-	3	-	-	-	2	-	-	-	-	-	-	-	-
	STATE TOTAL			5	-	-	-	-	-	-	-	-	3	-	-	-	2	-	-	-	-	-	-	-	-
WISCONSIN	MARQUETTE	14		7	-	-	-	3	-	-	-	-	2	-	-	-	-	-	2	-	-	-	-	-	-
	MILWAUKEE ENG	11	*	2	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	WISC MADISON	11		7	-	-	-	-	-	2	-	1	1	-	-	-	-	-	2	-	1	-	-	-	-
	STATE TOTAL			16	-	-	2	3	-	2	-	1	3	-	-	-	-	-	4	-	1	-	-	-	-
TOTAL				2038	44	16	14	15	6	182	66	287	642	51	1	67	184	10	364	6	27	12	35	2	7

BACHELOR DEGREES IN ENGINEERING BY SCHOOL - 1983-84 AMERICAN INDIANS

		AC		TOTAL	AER	AGR	ARC	BIO	CER	CHE	CMP	CVL	ELC	ENS	ENV	GNL	INM	MAR	MEC	MGN	MTL	NUC	PET	OTH	SYS
ALABAMA	ALABAMA	11		2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-
	ALABAMA BIRMING	11		1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
	STATE TOTAL			3	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	1	-	-	-	-	-
ARIZONA	ARIZONA	11		5	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	2	-	-	-	-	1
	ARIZONA ST	11		1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	NORTHERN ARIZONA	11		1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
	STATE TOTAL			7	-	-	-	-	-	-	-	1	2	-	-	-	-	-	1	2	-	-	-	-	1
ARKANSAS	ARKANSAS	11		1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
	STATE TOTAL			1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
CALIFORNIA	CAL POLY ST SLO	11		4	-	-	-	-	-	-	-	-	2	-	-	-	-	-	2	-	-	-	-	-	-
	CAL ST CHICO	11	*	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
	CAL ST LONG BEACH	11		2	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
	CAL ST NORTHRIDGE	11	*	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
	CAL ST POLY POMON	11		5	-	-	-	-	-	1	-	1	-	-	-	-	1	-	2	-	-	-	-	-	-
	SAN DIEGO ST	11		3	-	-	-	-	-	-	-	-	2	-	-	-	-	-	1	-	-	-	-	-	-
	SAN FRAN ST	11		3	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-
	STANFORD	13		1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	U CAL BERKELEY	11		2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-
	U CAL SANTA BARB	11		1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
	STATE TOTAL			23	-	-	-	-	-	1	-	3	6	-	-	4	1	-	8	-	-	-	-	-	-
COLORADO	USAF ACADEMY	12	*	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-
	STATE TOTAL			2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-
GEORGIA	GEORGIA INST TECH	11		2	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
	STATE TOTAL			2	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
ILLINOIS	ILL CHICAGO	11		2	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-
	ILLINOIS	11		2	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	STATE TOTAL			4	1	-	-	-	-	-	-	1	1	-	-	-	-	-	1	-	-	-	-	-	-
KANSAS	KANSAS ST	11		3	-	1	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
	STATE TOTAL			3	-	1	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
MAINE	MAINE MARITIME	41		1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
	STATE TOTAL			1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
MARYLAND	JOHNS HOPKINS	13		1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
	MARYLAND	11		1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	US NAVAL ACAD	12		2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	STATE TOTAL			4	1	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	1	-	-	-	-
MASSACHUSETTS	BOSTON	13		1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
	MIT	13		2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TUFTS	13		1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	STATE TOTAL			4	2	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-
MICHIGAN	GMI E & M INST	13		2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-
	MICHIGAN	11		4	-	-	-	-	-	1	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-
	MICHIGAN TECH	11		1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
	STATE TOTAL			7	-	-	-	-	-	1	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-

BACHELOR DEGREES IN ENGINEERING BY SCHOOL - 1983-84 AMERICAN INDIANS

		AC	TOTAL	AER	AGR	ARC	BIO	CER	CHE	CMP	CVL	ELC	ENS	ENV	GNL	INM	MAR	MEC	MGM	MTL	NUC	PET	OTH	SYS
MISSOURI	MO ROLLA	11	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	STATE TOTAL		1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
MONTANA	MONTANA ST	11	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	STATE TOTAL		1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEVADA	NEVADA RENO	11	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
	STATE TOTAL		1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
NEW MEXICO	NEW MEXICO	11	3	-	-	-	-	-	-	-	1	1	-	-	-	-	-	1	-	-	-	-	-	-
	NEW MEXICO M&T	11	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	STATE TOTAL		4	-	-	-	-	-	-	-	1	1	-	-	-	-	-	1	1	-	-	-	-	-
NEW YORK	CORNELL	13	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-
	SUNY BUFFALO	11 *	2	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	US MILITARY ACADE	42 *	3	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-
	STATE TOTAL		7	-	-	-	-	-	1	-	1	1	3	-	-	-	-	-	1	-	-	-	-	-
NORTH CAROLINA	NC ST	11	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	STATE TOTAL		1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTH DAKOTA	NORTH DAKOTA ST	11	7	-	1	-	-	-	-	-	2	3	-	-	-	-	-	1	-	-	-	-	-	-
	STATE TOTAL		7	-	1	-	-	-	-	-	2	3	-	-	-	-	-	1	-	-	-	-	-	-
OHIO	CLEVELAND ST	11 *	5	-	-	-	-	-	2	-	-	1	-	-	-	-	-	2	-	-	-	-	-	-
	OHIO ST	11	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
	STATE TOTAL		6	-	-	-	-	-	2	-	-	1	-	-	-	-	-	3	-	-	-	-	-	-
OKLAHOMA	OKLAHOMA ST	11	2	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-
	STATE TOTAL		2	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-
OREGON	PORTLAND	13	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
	STATE TOTAL		1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
PENNSYLVANIA	LEHIGH	21	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
	STATE TOTAL		1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
SOUTH DAKOTA	S DAKOTA MINES	11	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
	STATE TOTAL		1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
TEXAS	RICE	13	2	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TEXAS A&M	11	2	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-
	TEXAS AUSTIN	11	3	-	-	-	-	-	1	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-
	TRINITY TEXAS	13	2	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-
	STATE TOTAL		9	-	-	-	-	-	2	1	2	-	2	-	-	-	-	2	-	-	-	-	-	-
VIRGINIA	OLD DOMINION	11	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-
	VIRGINIA	11	2	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
	STATE TOTAL		4	-	-	-	-	-	-	1	-	1	-	-	-	-	-	2	-	-	-	-	-	-
WASHINGTON	GONZAGA	44	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
	STATE TOTAL		1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
WISCONSIN	WISC MADISON	11	3	-	-	-	-	-	1	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-
	WISC MILWAUKEE	11	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-

BACHELOR DEGREES IN ENGINEERING BY SCHOOL - 1983-84 AMERICAN INDIANS

	AC	TOTAL	AER	AGR	ARC	BIO	CER	CHE	CMP	CVL	ELC	ENS	ENV	GNL	INM	MAR	MEC	MGN	MTL	NUC	PET	OTH	SYS
STATE TOTAL		4	-	-	-	-	-	1	-	-	-	-	-	-	1	-	1	-	1	-	-	-	-
TOTAL		112	6	2	1	-	-	9	2	14	19	5	-	6	4	1	34	6	2	-	-	-	1